

Flood Control Project Maintenance**2013 Structure Summary Report****Overall Unit and Item Ratings****Lake County Watershed Protection District****Clover Creek Diversion Structure**

Overall Unit Rating	Rated Item	Item Rating
M	Photo Documentation	N
	Vegetation & Obstructions	M
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	N
	Encroachments	A
	Culverts: Inlets / Outlets	M
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	A
	Trash Racks	N
	Flap Gates	A
	Sluice/Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	A
	Concrete Surfaces	N
	Concrete Tilting / Settlement	N
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	M
	Operation & Maintenance Manual	A

Flood Control Project Maintenance**Unit Cover Sheet****2013 Structure Inspection Results****Lake County Watershed Protection District**

Structure
Clover Creek Diversion Structure

Structure Rating	M
Date of Inspection	08/06/2013
DWR Inspector	Pavel Kazi
Accompanied By	Bob Duffey DWR

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2013

Lake County Watershed Protection District

Structure	Structure Length	Inspection Start/End	Inspector
Clover Creek Diversion Structure		08/06/2013 08/06/2013	Pavel Kazi

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
1	0.00	0.00	Structures	Photo Documentation		N	Inspector Comments: Clover Creek Diversion Structure has three culverts with two flap and slide gates to divert the water during high water season.	39.177050 ° -122.898750 °	39.177050 ° -122.898750 °	1 Y
2	0.00	0.00	Structures	Vegetation & Obstructions		M	Inspector Comments: The channel had vegetation and scattered obstructions.	39.177050 ° -122.898750 °	39.177050 ° -122.898750 °	2 Y
3	0.00	0.00	Structures	Shoaling / Sedimentation		A	Inspector Comments: No sediment was present during the inspection.	39.177050 ° -122.898750 °	39.177050 ° -122.898750 °	3
4	0.00	0.00	Structures	Erosion / Bank Caving		A	Inspector Comments: There was no visible active erosion or bank caving observed.	39.177050 ° -122.898750 °	39.177050 ° -122.898750 °	4
5	0.00	0.00	Structures	Revetments		N	Inspector Comments: No existing revetment was found.	39.177050 ° -122.898750 °	39.177050 ° -122.898750 °	5
6	0.00	0.00	Structures	Encroachments		A	Inspector Comments: No trash or debris were present in the channel.	39.177050 ° -122.898750 °	39.177050 ° -122.898750 °	6
7	0.00	0.00	Structures	Culverts: Inlets / Outlets		M	Inspector Comments: Vegetation was found on the outlet culvert of the structure.	39.177050 ° -122.898750 °	39.177050 ° -122.898750 °	7 Y
8	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks		A	Inspector Comments: There were no visible holes or cracks in the culvert.	39.177050 ° -122.898750 °	39.177050 ° -122.898750 °	8
9	0.00	0.00	Structures	Metal Pipes		A	Inspector Comments: The metal pipes appeared to be in good condition.	39.177050 ° -122.898750 °	39.177050 ° -122.898750 °	9
10	0.00	0.00	Structures	Trash Racks		N	Inspector Comments: This item does not apply to this inspection.	39.177050 ° -122.898750 °	39.177050 ° -122.898750 °	10
11	0.00	0.00	Structures	Flap Gates		A	Inspector Comments: Flap gates appeared to be in good condition.	39.177050 ° -122.898750 °	39.177050 ° -122.898750 °	11
12	0.00	0.00	Structures	Sluice/Slide Gates		A	Inspector Comments: The slide gates appeared to be in good working condition.	39.177050 ° -122.898750 °	39.177050 ° -122.898750 °	12 Y
13	0.00	0.00	Structures	Electric Gate Operators		N	Inspector Comments: This item does not apply to this inspection.	39.177050 ° -122.898750 °	39.177050 ° -122.898750 °	13
14	0.00	0.00	Structures	Manual Gate Operators		A	Inspector Comments: The manual gate operator appeared to be operational.	39.177050 ° -122.898750 °	39.177050 ° -122.898750 °	14 Y

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment
C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2013

Lake County Watershed Protection District

Structure	Structure Length	Inspection Start/End	Inspector
Clover Creek Diversion Structure		08/06/2013 08/06/2013	Pavel Kazi

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
15	0.00	0.00	Structures	Concrete Surfaces		N	Inspector Comments: This item does not apply to this inspection.	39.177050 ° -122.898750 °	39.177050 ° -122.898750 °	15
16	0.00	0.00	Structures	Concrete Tilting / Settlement		N	Inspector Comments: This item does not apply to this inspection.	39.177050 ° -122.898750 °	39.177050 ° -122.898750 °	16
17	0.00	0.00	Structures	Operation & Maintenance Manual		A	Inspector Comments: This district has the O&M manual in the office.	39.177050 ° -122.898750 °	39.177050 ° -122.898750 °	17
18	0.00	0.00	Structures	Security Fencing		N	Inspector Comments: This item does not apply to this inspection.	39.177050 ° -122.898750 °	39.177050 ° -122.898750 °	18
19	0.00	0.00	Structures	Closure Structures		N	Inspector Comments: This item does not apply to this inspection.	39.177050 ° -122.898750 °	39.177050 ° -122.898750 °	19
20	0.00	0.00	Structures	Trash Rakes		N	Inspector Comments: This item does not apply to this inspection.	39.177050 ° -122.898750 °	39.177050 ° -122.898750 °	20
21	0.00	0.00	Structures	Other Metallic Items		N	Inspector Comments: This item does not apply to this inspection.	39.177050 ° -122.898750 °	39.177050 ° -122.898750 °	21
22	0.00	0.00	Structures	Monolith Joints		N	Inspector Comments: This item does not apply to this inspection.	39.177050 ° -122.898750 °	39.177050 ° -122.898750 °	22
23	0.00	0.00	Structures	Safety		M	Inspector Comments: The wood railing around the structure was not sturdy but appeared to provide fall protection.	39.177050 ° -122.898750 °	39.177050 ° -122.898750 °	23 Y
24	0.00	0.00	Structures	Concrete Foundations		A	Inspector Comments: There was no scouring or erosion near the structure.	39.177050 ° -122.898750 °	39.177050 ° -122.898750 °	24

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment
C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2013

Lake County Watershed Protection District

Structure	Structure Length	Inspection Start/End	Inspector
Clover Creek Diversion Structure		08/06/2013 08/06/2013	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Photo Documentation

View of the diversion structure.

pkazi_t_20130820_325.JPG



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Vegetation & Obstructions

View of the vegetation at the inlet of the structure.

pkazi_t_20130820_326.JPG



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Vegetation & Obstructions

View of the vegetation at the outlet of the structure.

pkazi_t_20130820_327.JPG



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment

C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2013

Lake County Watershed Protection District

Structure	Structure Length	Inspection Start/End	Inspector
Clover Creek Diversion Structure		08/06/2013 08/06/2013	Pavel Kazi

Levee Mile Report Line	7
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Culverts: Inlets / Outlets
View of the culvert inlet.	
pkazi_t_20130820_328.JPG	



Levee Mile Report Line	7
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Culverts: Inlets / Outlets
View of the culvert outlet.	
pkazi_t_20130820_329.JPG	



Levee Mile Report Line	12
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Sluice/Slide Gates
View of the slide gate.	
pkazi_t_20130820_330.JPG	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment

C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2013

Lake County Watershed Protection District

Structure	Structure Length	Inspection Start/End	Inspector
Clover Creek Diversion Structure		08/06/2013 08/06/2013	Pavel Kazi

Levee Mile Report Line	14
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Manual Gate Operators

View of the manual gate operator.

pkazi_t_20130820_331.JPG



Levee Mile Report Line	23
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Safety

View of the wooden guard rail.

pkazi_t_20130820_332.JPG



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment

C : Corrected